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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sort to the Chief Information Officer. U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PIRST NAMED APPLICANT U.S. APPLICATION NUMBER NO. ATTY, DOCKET NO. 10/510.677 API-01-20-US Mark Parrington

INTERNATIONAL APPLICATION NO. PCT/US03/10916

Patrick J Halloren Aventis Pasteur Inc Intellectual Property Kenerr Bldg One Discovery Drive . Swiftwater, PA 18370

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I.A. PILING DATE PRIORITY DATE

04/09/2003 04/16/2002

CONFIRMATION NO. 4987 371 FORMALITIES LETTER *OC000000025388574-

Date Mailed: 08/14/2007

NOTIFICATION OF DEFECTIVE RESPONSE

The following Items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 10/06/2004
- Copy of the International Search Report filed on 10/06/2004
- Preliminary Amendments filed on 08/04/2006
- Biochemical Sequence Diskette filed on 08/04/2006
- Oath or Declaration filed on 10/06/2004
- Biochemical Sequence Listing filed on 08/04/2006
- Request for Immediate Examination filed on 10/06/2004
- U.S. Basic National Fees filed on 10/06/2004
- Priority Documents filed on 08/04/2006

Applicant's response filed 01/27/2007 is hereby-acknowledged.-The following-requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 06/20/2005 have not been completed.

The applicant needs to satisfy supplemental fact problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

 Additional claim fees of \$1100 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$1100 for a Small Entity:

09/10/2007 GFREY1

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Page 2 of 2

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

- Total additional claim fee(s) for this application is \$ 1100
 - \$200 for 4 independent claims over 3.
 - \$900 for 53 total claims over 20.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportel.uspto.gov/authenticate/AuthenticateUserLocatEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/510,677	PCT/US03/10916	API-01-20-US